Netflix, Inc. v. Blockbuster, Inc.

Doc. 22 Att. 6

EXHIBIT D 1 OF 2

Patent Number:

United States Patent [19]

6,026,403

Siefert

[45] **Date of Patent:**

[11]

*Feb. 15, 2000

COMPUTER SYSTEM FOR MANAGEMENT OF RESOURCES

[75] Inventor: David M. Siefert, Englewood, Ohio

Assignee: NCR Corporation, Dayton, Ohio

[*] Notice: This patent issued on a continued prosecution application filed under 37 CFR

1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

This patent is subject to a terminal dis-

[21]	Appl.	No.:	08/217,476

[22]	Filed:	Mar. 24, 1994	
[51]	Int. Cl. ⁷	••••••	G06F 17/30
[52]	U.S. Cl.		
[58]		Search	

364/408; 395/200, 600, 610, 226, 227; 705/27; 707/1, 4, 9, 10

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Primary Examiner—Majid A. Banankhah Attorney, Agent, or Firm-Gregory A. Welte; George H.

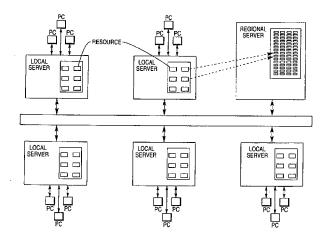
[57] **ABSTRACT**

The invention concerns a system for managing resources, which can take the form of (a) computer-compatible information, such as data files and programs, and (b) noncomputer-compatible information, as data contained on microfiche, and (c) physical objects. The resources are located at graphically diverse sites.

The invention contains a descriptive profile for each resource, and allows any user to search all profiles, and to search the profiles according to "fields" (a database term), such as by location of the resources, or by category of the resources. The user can order delivery of a selected resource, and the system causes delivery of the resource to be executed, irrespective of the form (eg, physical object) of the resource.

The invention allows a provider of a new resource to limit access to the resource, by identifying users who are authorized to obtain access to the resource. Non-authorized users cannot obtain access to the profiles of these resources.

11 Claims, 101 Drawing Sheets



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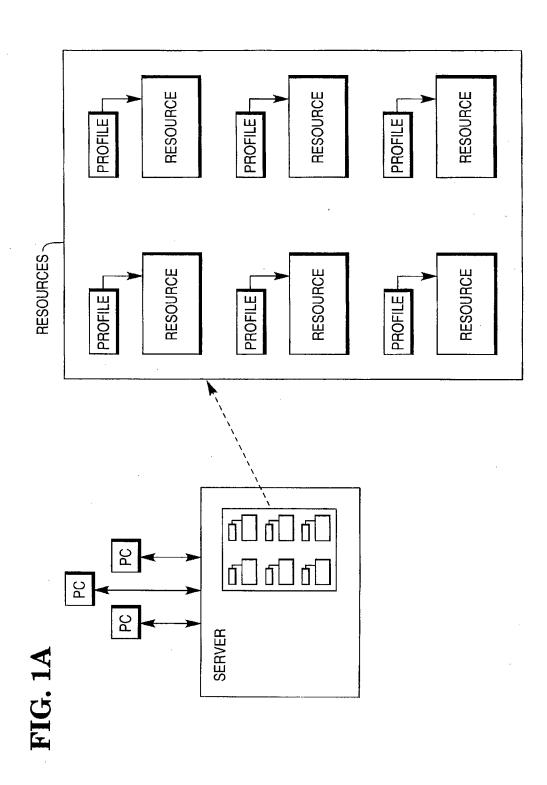
6,026,403 Page 2

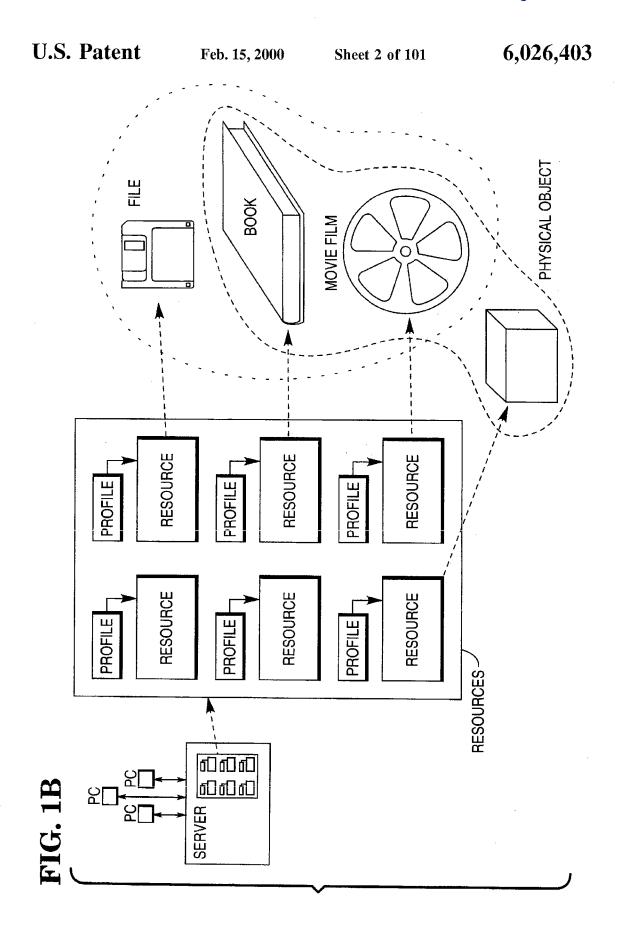
Microfiche Appendix Included

(3 Microfiche, 207 Pages)

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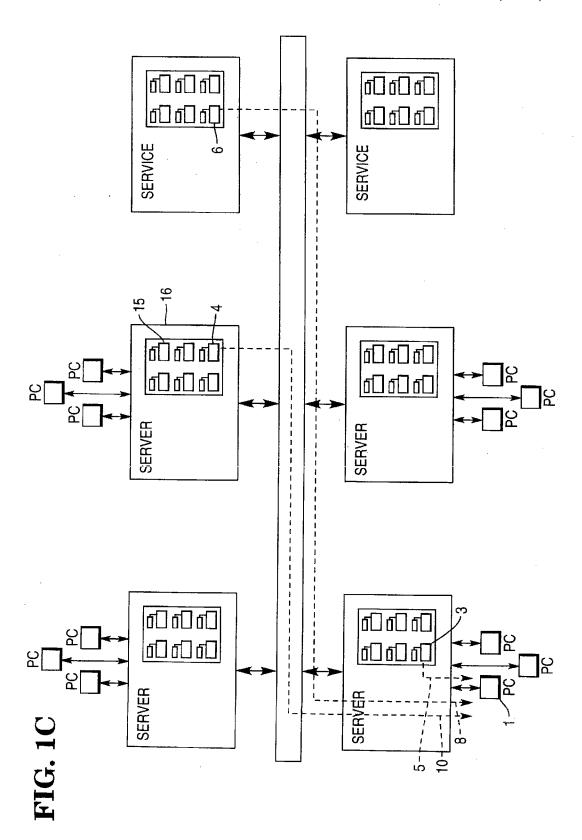


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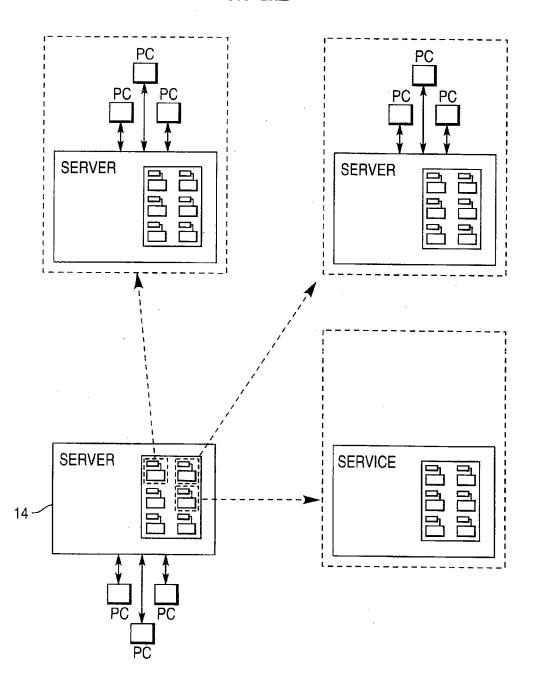
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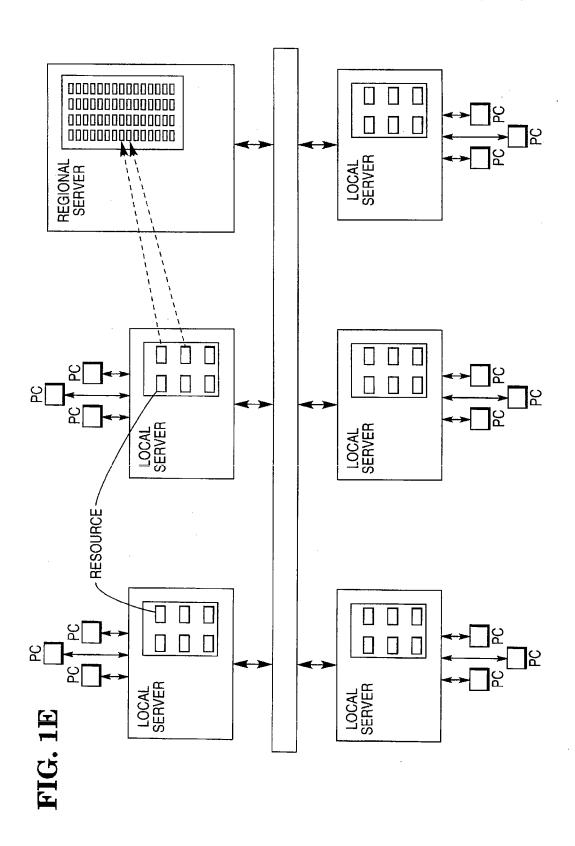
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FIG. 1D



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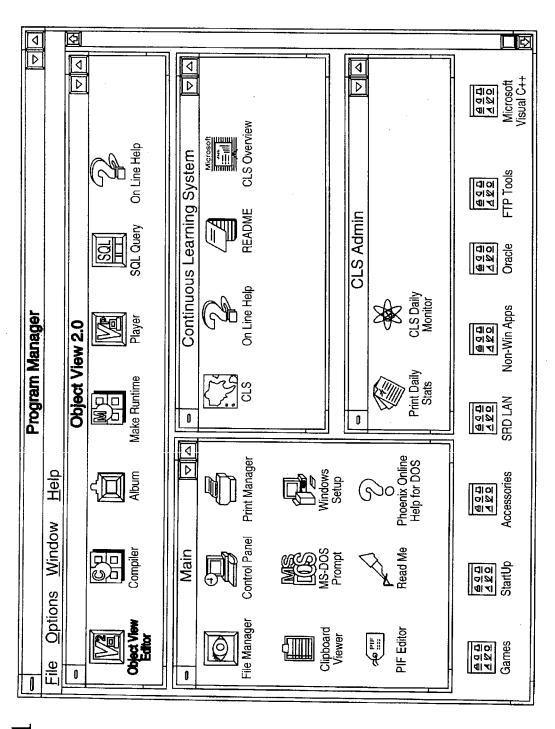
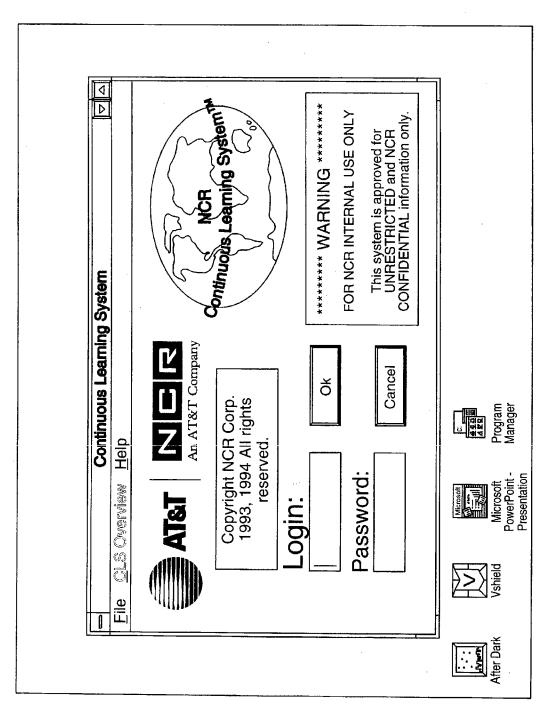


FIG. 1

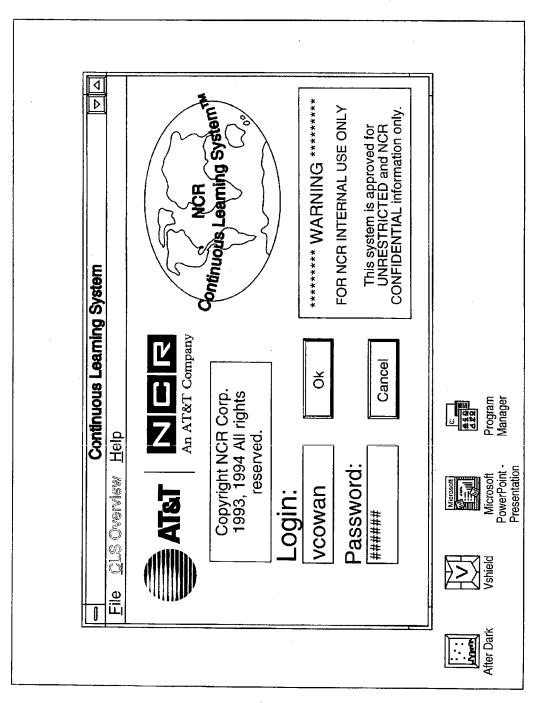
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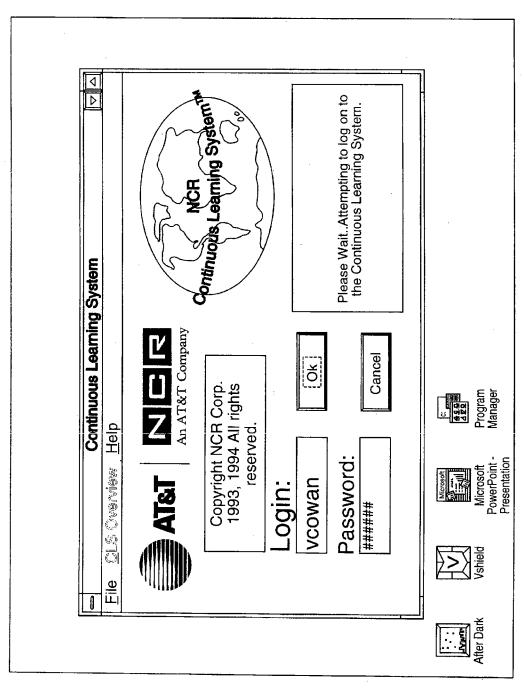


FIG. 4

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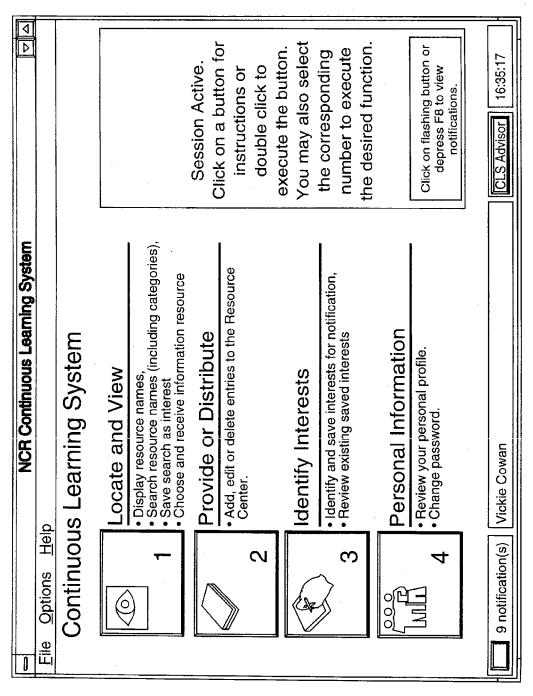


FIG. 5

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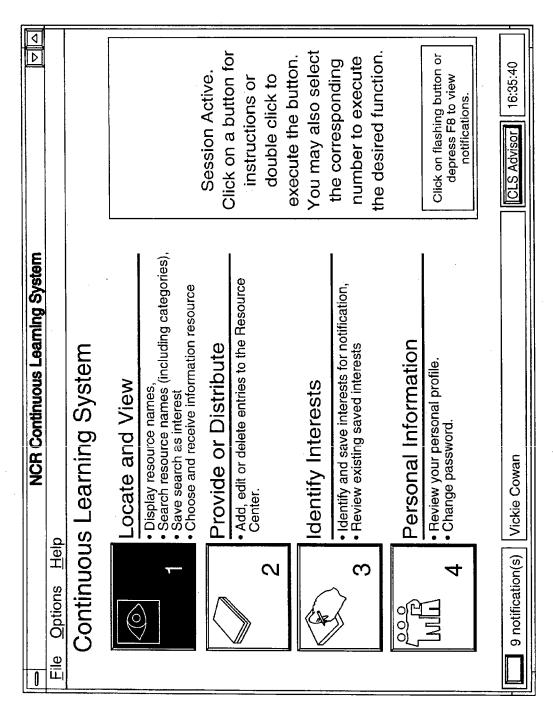


FIG. 6

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CLS - Locate and View	e and View
File Help	
Locate and View	
All Resources Display all authorized resources.	Repositories • Display all authorized resources by repositories.
General Search Search resources by titles, descriptions, and/or dates.	Systems • Display all systems that can be executed by CLS.
Category Display all authorized resources by categories.	Save Search as Interest. Saves last search request.
Media • Display all authorized resources by media type.	Back to Previous Screen Close window and return to main
Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.	e click to execute the item. Select Back to u to quit.

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CLS - Locate and View	e and View □
File Help	
Locate and View	
All Resources Display all authorized resources.	Repositories • Display all authorized resources by repositories.
General Search Search resources by titles, descriptions, and/or dates.	Systems • Display all systems that can be executed by CLS.
Category • Display all authorized resources by categories.	Save Search as Interest. Saves last search request.
Media • Display all authorized resources by media type.	Back to Previous Screen Close window and return to main
Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.	e click to execute the item. Select Back to lu to quit.

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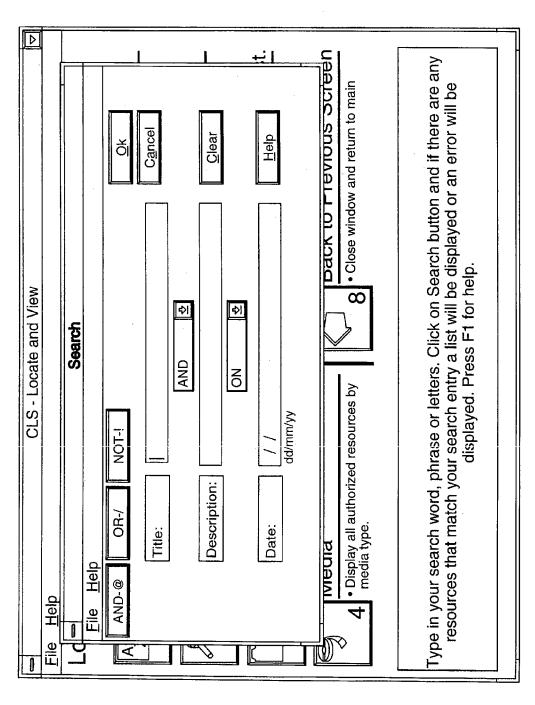


FIG. 9

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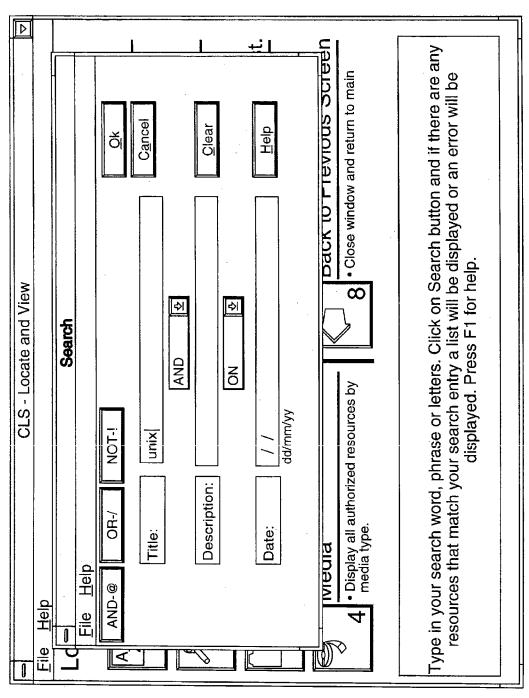


FIG. 10

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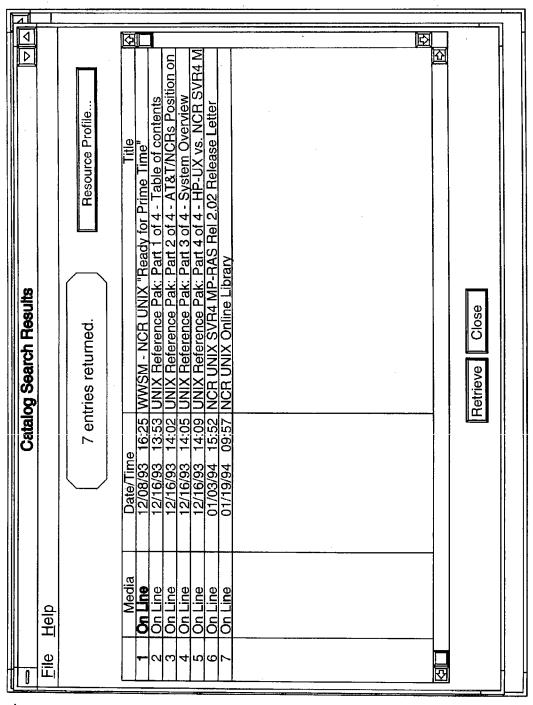
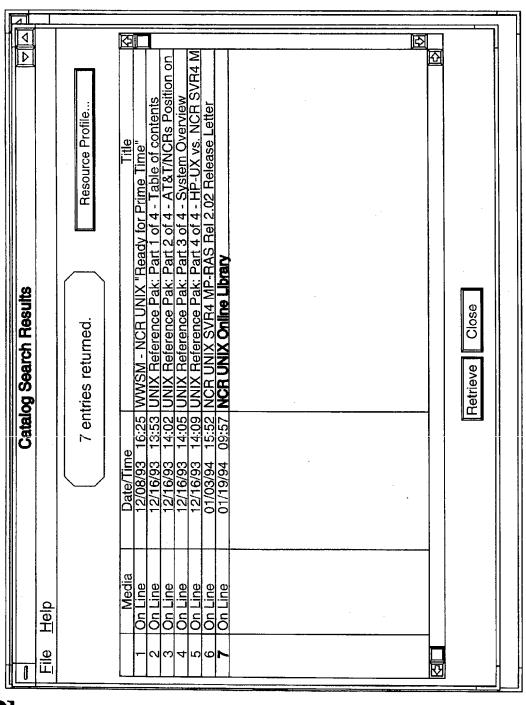


FIG. 11

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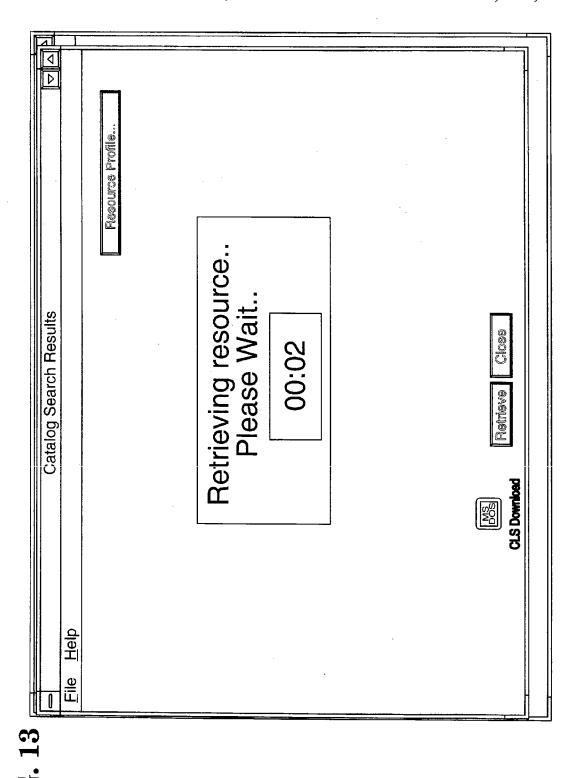
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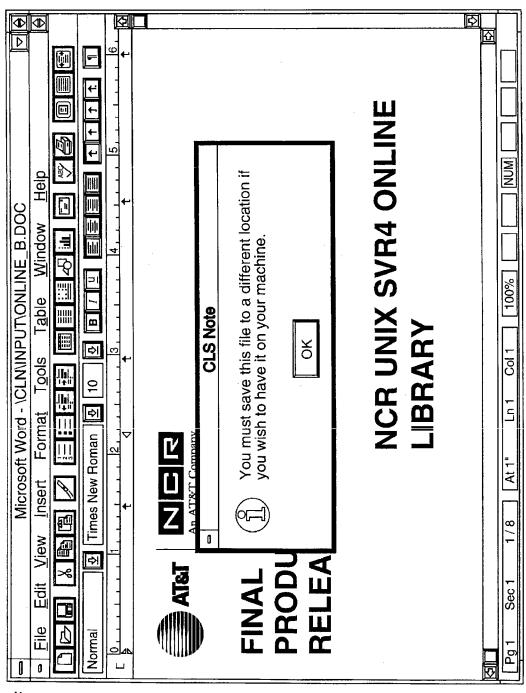
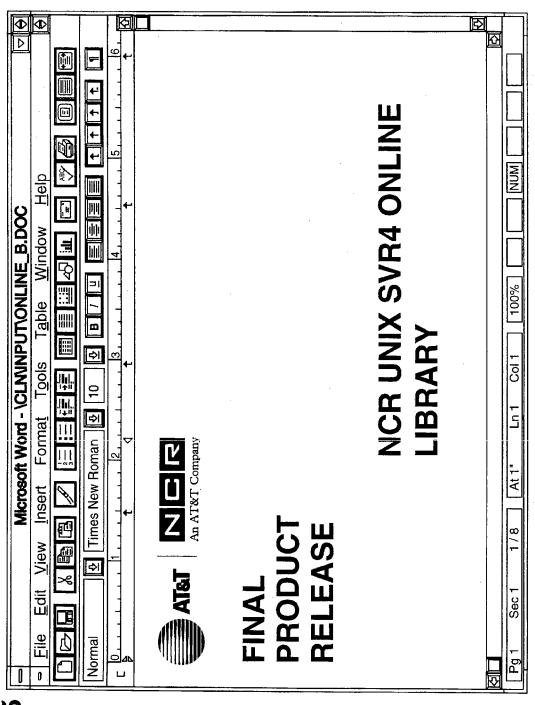


FIG. 14

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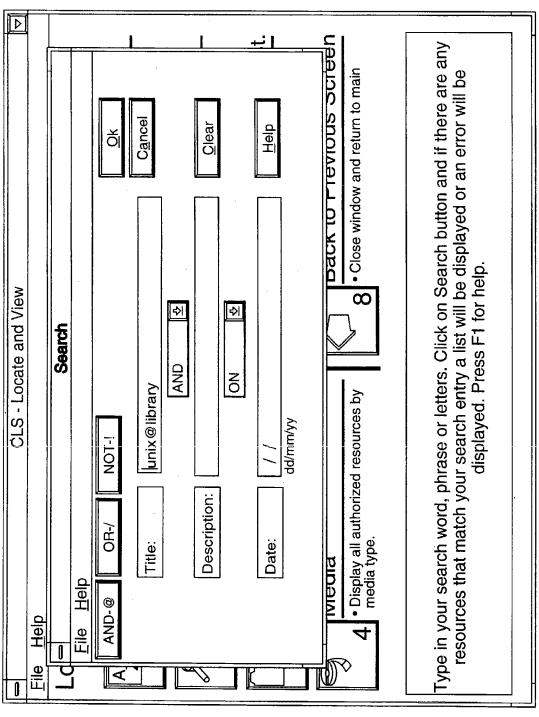
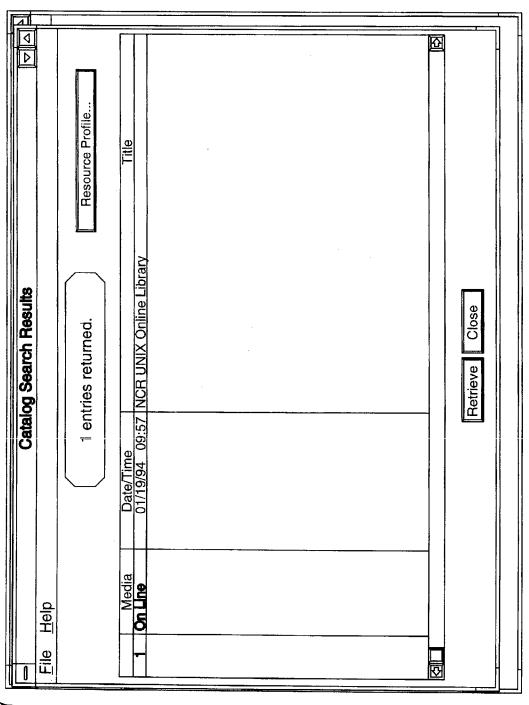


FIG. 16

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CLS - Locate and View	e and View □
File Help	
Locate and View	
All Resources 2 • Display all authorized resources.	Repositories • Display all authorized resources by repositories.
General Search Search resources by titles, descriptions, and/or dates.	Systems • Display all systems that can be executed by CLS.
Category 3 • Display all authorized resources by categories.	Save Search as Interest. Saves last search request.
Media • Display all authorized resources by media type.	Back to Previous Screen Close window and return to main
Select an item to get instructions or Double click to Main Menu to quit.	n item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.

FIG

U.S. Patent

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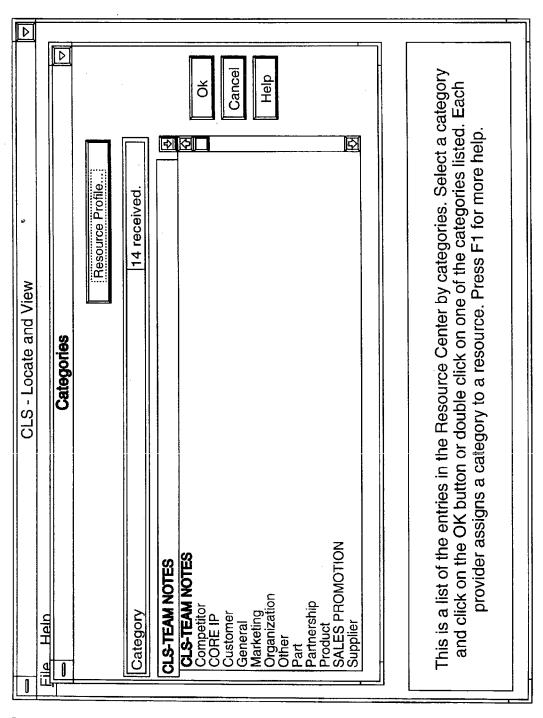
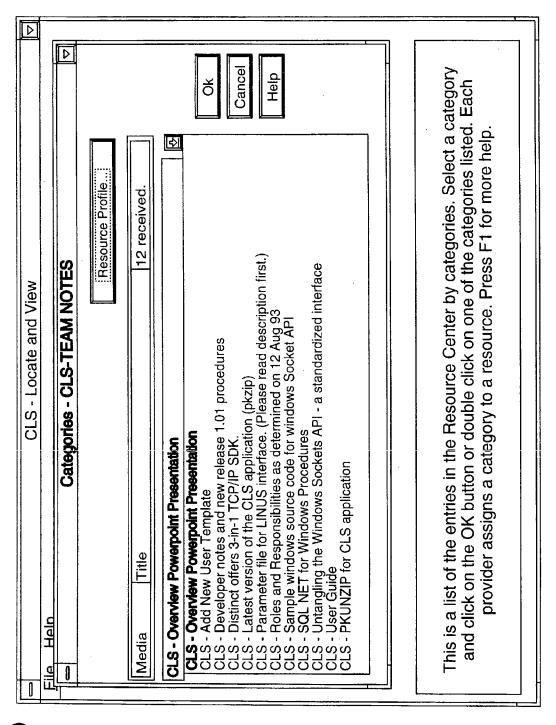


FIG. 19

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m FIG.}~20$

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Categories - CLS - Locate and View Help Categories - CLS-TEAM NOTES S-Latest version of the CLS application (tkzlp) S- Developer notes and new release 1.01 procedures S- Distinct offers 3-in-1 TCPH SDM. S- Latest version of the CLS application (pkzlp) S- S- Developer notes and new release 1.01 procedures S- Distinct offers 3-in-1 TCPH SDM. S- Latest version of the CLS application (pkzlp) S- Sample windows Socket API - SA Sample windows source code for windows Socket API - a standardized interface S- SQL MET for Windows Procedures S- SQL WINZIP for CLS application Inis is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.	Categories - CLS-TEAM NOTES Categories - CLS-TEAM NOTES Tritle	D		
CLS - Loc Helb. S-Latest version of the CLS application (pkzip) S-Coverview Powerpoint Presentation S-Overview Powerpoi		ource Profile	received.	e Center by categories. Select a category ick on one of the categories listed. Each resource. Press F1 for more help.
			S-Latest version of the CLS application (pkzip) LS - Overview Powerpoint Presentation LS - Add New User Template LS - Distinct offers 3-in-1 TCP/IP SDK. Latest version of the CLS application (pkzip) LS - Parameter file for LINUS interface. (Please read de S. Panple windows source code for windows Socket v. S. Sample windows source code for windows Socket v. S. Ustrangling the Windows Sockets API - a standardize. S. User Guide LS - PKUNZIP for CLS application	nis is a list of the entries in the Resource Cer and click on the OK button or double click or provider assigns a category to a resou

FIG. 21

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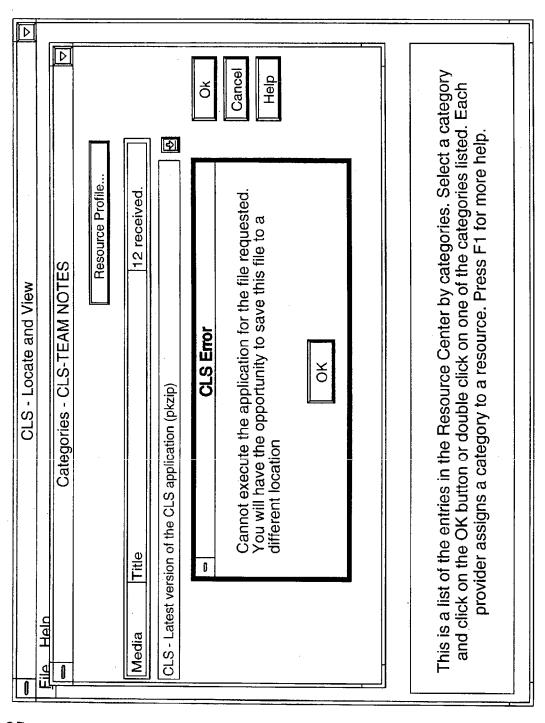


FIG. 22

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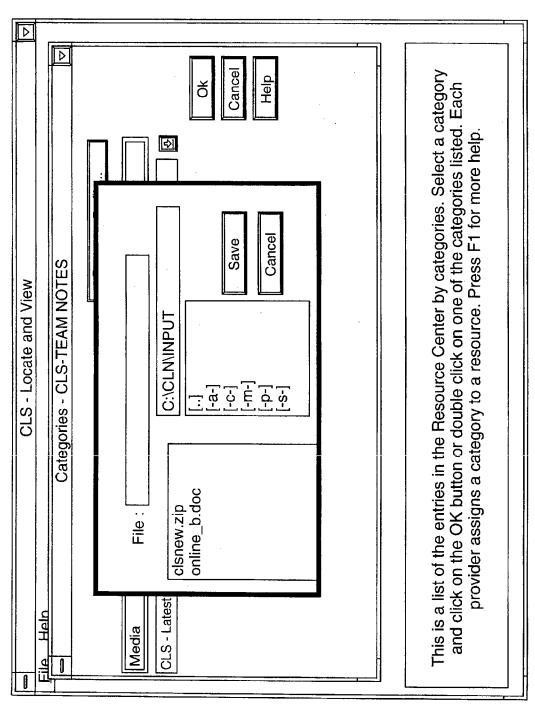


FIG. 23

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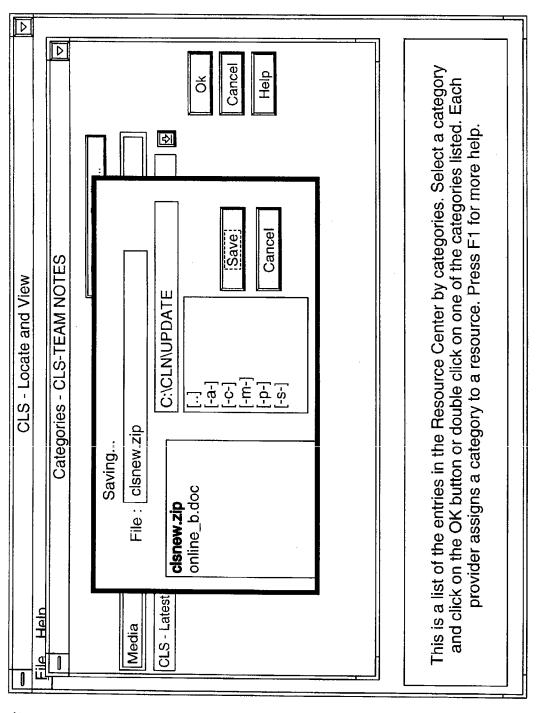


FIG. 24

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CLS - Locate and View	e and View
File Help	
Locate and View	
All Resources Display all authorized resources.	Repositories • Display all authorized resources by repositories.
General Search Search resources by titles, descriptions, and/or dates.	Systems • Display all systems that can be executed by CLS.
Category Display all authorized resources by categories.	Save Search as Interest. Saves last search request.
Media • Display all authorized resources by media type.	Back to Previous Screen Close window and return to main
Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.	e click to execute the item. Select Back to u to quit.

FIG. 25

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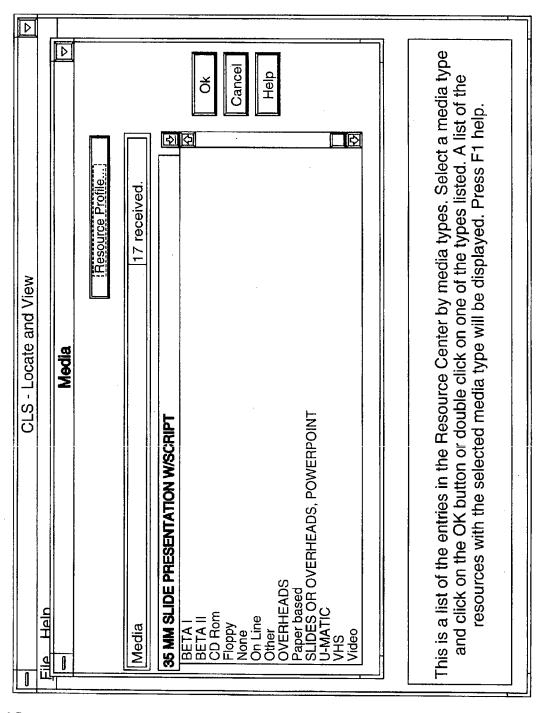


FIG. 26

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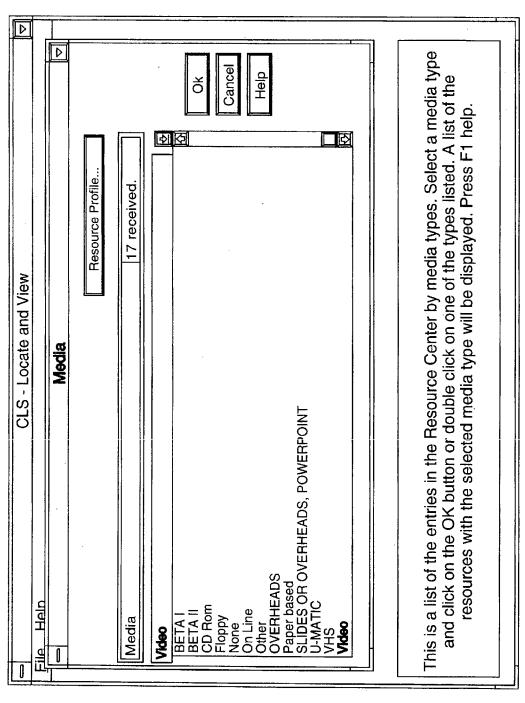


FIG. 27

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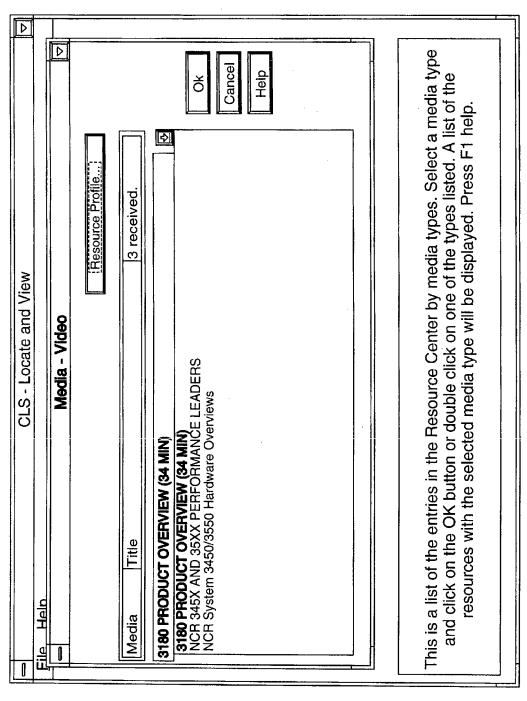


FIG. 28

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CLS - Locate and View	and View
File Help	
Locate and View	
All Resources 2 • Display all authorized resources.	Repositories • Display all authorized resources by repositories.
General Search Search resources by titles, descriptions, and/or dates.	Systems • Display all systems that can be executed by CLS.
Category Display all authorized resources by categories.	Save Search as Interest. Saves last search request.
Media • Display all authorized resources by media type.	Back to Previous Screen Close window and return to main
Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.	e click to execute the item. Select Back to uto quit.

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Δ	Δ			Ok Cancel Heip	repository and or select the epository.
e and View	- Repositories	Resource Profile	8 received.		Resource Center. Select a on the selected repository arn more about the select
CLS - Locate and View	Resource Center - Repositories			Marketing Core Server Team Application Development Environment (ADE) Continuous Learning System Corporate Information Systems Service Integrated Client Server Systems Information Products Marketing Core Server Team Public Relations and Associate Information QUOTE-TO-CASH United States Group (USG)	This is a list of the current repositories in the Resource Center. Select a repository and click on the OK button to reveal a resources on the selected repository or select the ADDITIONAL INFORMATION button to learn more about the select repository.
	di Helu		Repository	Marketing Core Application De Continuous Le Corporate Info Integrated Clie Marketing Cor Public Relation QUOTE-TO-C, United States (This is a list of click on the C

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CLS - Locate and View	Resource Center - Repositories □	Resource Profile;	28 received.	₽		on on on on on one on one on one on one one	tes	dno		itioning	utions Deliver Total Value	ng Material (Charts 1-४) ng Material (Charts 13-22)	This is a list of the current repositories in the Resource Center. Select a repository and click on the OK button to reveal a resources on the selected repository or select the ADDITIONAL INFORMATION button to learn more about the select repository.
	File Heln		Media Title	MSCT - 3450 Europe Group	MSCT - 3450 Europe Group	MSCT - 3450 Pacific Group	MSC1 - 3450 United States MSCT - 3550 Europe Group	MSCT - 3550 LAMEA Group	- 3550	MSCT - NCR Server Positioning	.'.	- Server Positioning Material (Charts - Server Positioning Material (Charts	This is a list of the current repositories in click on the OK button to reveal a resor ADDITIONAL INFORMATION buttor

FIG. 31

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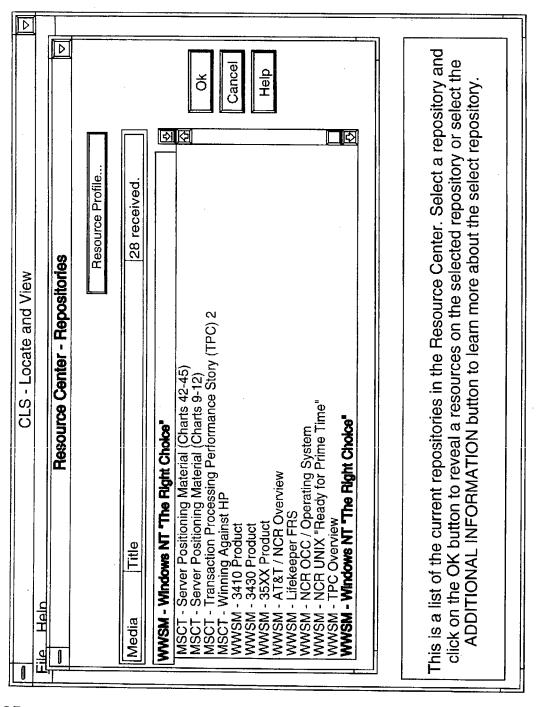


FIG. 32

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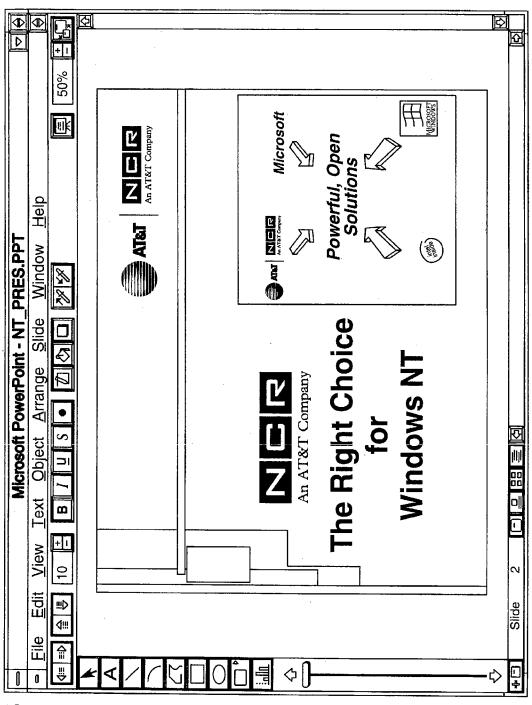


FIG. 33

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CLS - Locate and View	and View
File Help	
Locate and View	
All Resources Display all authorized resources.	Repositories • Display all authorized resources by repositories.
General Search Search resources by titles, descriptions, and/or dates.	Systems • Display all systems that can be executed by CLS.
Category • Display all authorized resources by categories.	Save Search as Interest. Saves last search request.
Media • Display all authorized resources by media type.	Back to Previous Screen Close window and return to main
Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.	e click to execute the item. Select Back to u to quit.

FIG. 34

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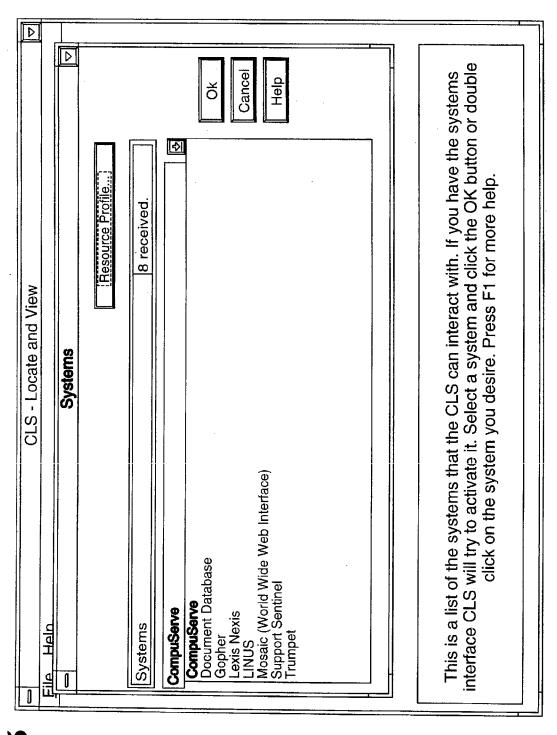


FIG. 35

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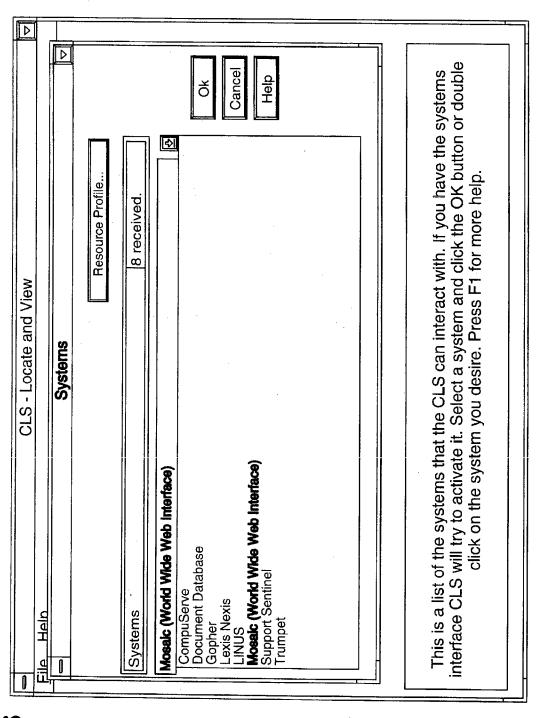


FIG. 36

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= NCSA Mosaic for MS Windows □
File Edit Options Navigate Annotate Starting Points Personal
Document Title: NCRINFO
Document URL: http://ncrinfo.ncr.com
NCR Information Server
Ľ U Z
An AT&T Company
This is the WorldWideWeb view of the server ncrinfo.ncr.com
 NCR Topics High Performance Computing and Communications (US Gov't) Other Public Gophers on Computing Topics All Worldwide Public Gophers
Search All Menus on norinfo
About n
MOM

FIG. 37

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CLS - Locate and View	and View
File Help	
Locate and View	
All Resources Display all authorized resources.	Repositories - Display all authorized resources by repositories.
General Search Search resources by titles, descriptions, and/or dates.	Systems Display all systems that can be executed by CLS.
Category Display all authorized resources by categories.	Save Search as Interest. Saves last search request.
Media Display all authorized resources by media type.	Back to Previous Screen Close window and return to main
Select an item to get instructions or Double click to Main Menu to quit.	item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.

FIG. 38

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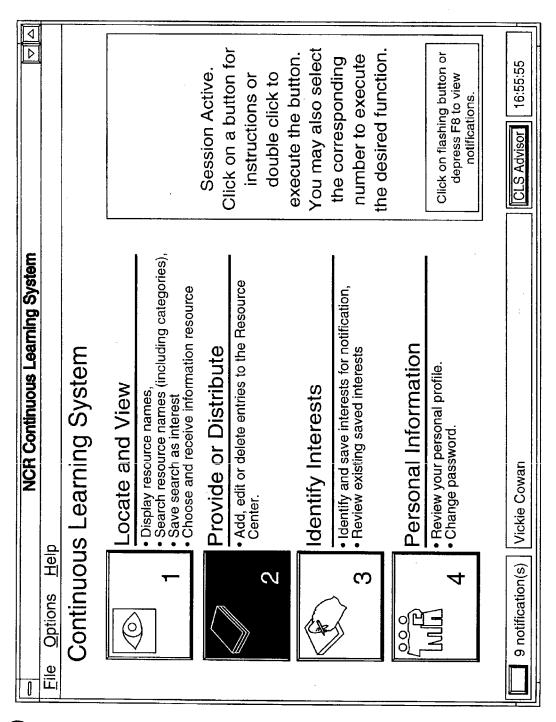


FIG. 39

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CLS - Provide or Distribute	
File Help	
Provide or Distribute	
Provide • Add, modify or delete entries to the Resource Center. Back to Previous Screen previous menu.	
Select an item to get instructions or Double click to execute the item. Select Back to Previous Menu to quit.	
	\neg

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	Flesource Administration □
File Help	
Access Level:	Public Organization Team
Resource Title:	NO N
Date Added:	Date Updated: // Cancel
Cost:	Format:
Price	Point of New
Information Category: Information Filename:	ator:
Repository:	
Resource Description:	die H 전
Remarks	
	Please select either New, Modify or Cancel.

FIG. 41

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	Resource Administration
Eile Help	
Access Level:	Public IPD only Team
Resource Title:	OK OK
Date Added: Product ID:	Date Updated: // Cancel
Cost:	
Information Category: Information Filename: Filename: Repository: Resource Description: Remarks	Contact:
	Please enter new data at this time and click on UK.

FIG. 42

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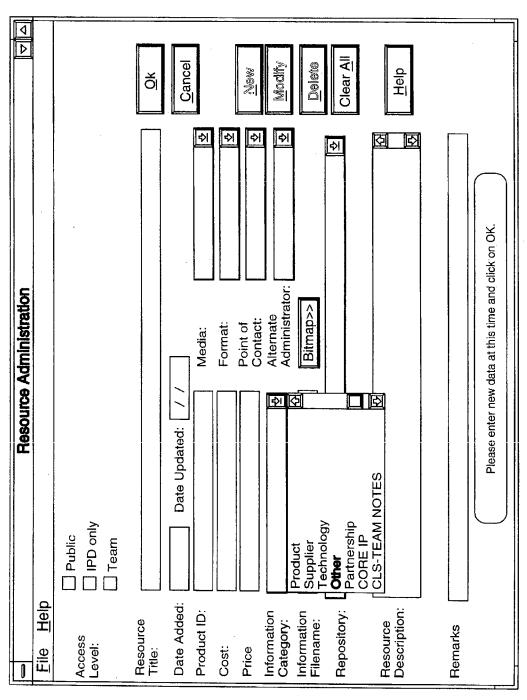


FIG. 43

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	Resource Administration
File Help	
Access Level:	□ Public□ IPD only□ Team
Resource Title:	Ok
Date Added:	Date Updated: / / Cancel Cancel
Cost:	
Price	Point of Contact:
Information Category:	ator:
Information Filename:	Bitmap>>
Repository:	区lear All
Resource Description:	die Help
Remarks	
	Please enter new data at this time and click on OK.

FIG. 44

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0	Resource Administration
File Help	
Access Cevel:	☐ Public ☐ IPD only ☐ Team
Resource Title:	ŎI.
Date Added: Product ID:	Date Updated: // Cancel Media: 本
Cost:	Format:
Information Category: Information Filename:	ator:
Repository:	Clear All
Resource Description:	데eH 전
Remarks	
	Please enter new data at this time and click on OK.

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6,026,403

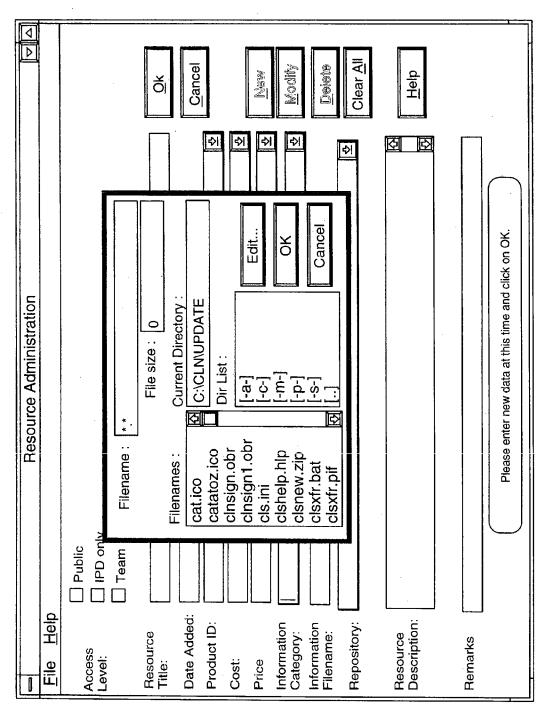


FIG. 46

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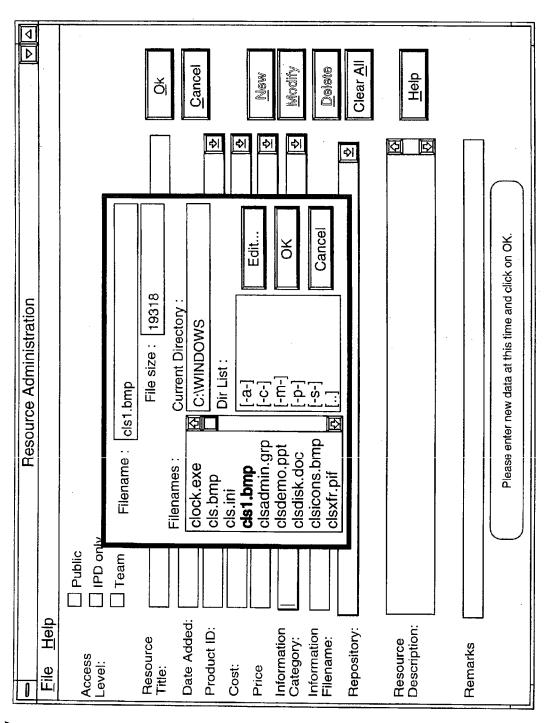


FIG. 47

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0	Resource Administration	ution	
File Help			
Access Level:	∑ <u>Public</u> □ IPD only □ Team		
Resource Title:	CLS - Test resource for training	Ä	č
Date Added:	Date Updated: //	<u>}-</u>	ncel
Cost:	Media: Format:	On Line Notepad	,
Price	Point of Contact:	n, Tab	GW
Information Category:	General Alternate Administrator:	Cowan, Vickie	odify
Information Filename:	\public\tab\test\test1.txt Bitmap>>	C:\WINDOWS\CLS1.BM	
Repository:	Continuous Learning System	전 Clear <u>All</u>	ar <u>A</u> ll
Resource Description:		전 전 전	de
Remarks			-
	Please enter new data at this time and click on OK.	and click on OK.	

FIG. 48

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0	Resource	Resource Administration		ΦΔ
File Help				
Access Level:	☑ Public ☐ IPD only ☐ Team			
Resource Title:	CLS - Test resource for training			ŏ
Date Added:	Date Updated: / /			Cancel
Product ID:		Media:	On Line	
Cost:		Format:	Notepad <u></u>	
Price		Point of Contact:	McCollum, Tab	New
Information Category:	General	Alternate Administrator:		Modify
Information Filename:	\public\tab\test\test1.txt	Bitmap>>	C:\WINDOWS\CLS1.BM	Delete
Repository:	Continuous Learning System		◇	Clear All
Resource Description:			<u></u>	Help
Remarks				
	CLS - TEST RESOURCE FOR TRAINING was successfully added to the CLS database.	PR TRAINING was s	uccessfully added to	

FIG. 49

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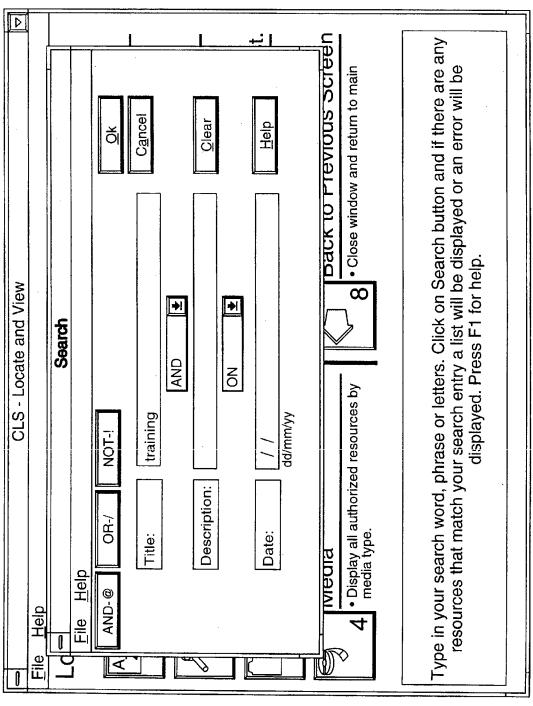


FIG. 50

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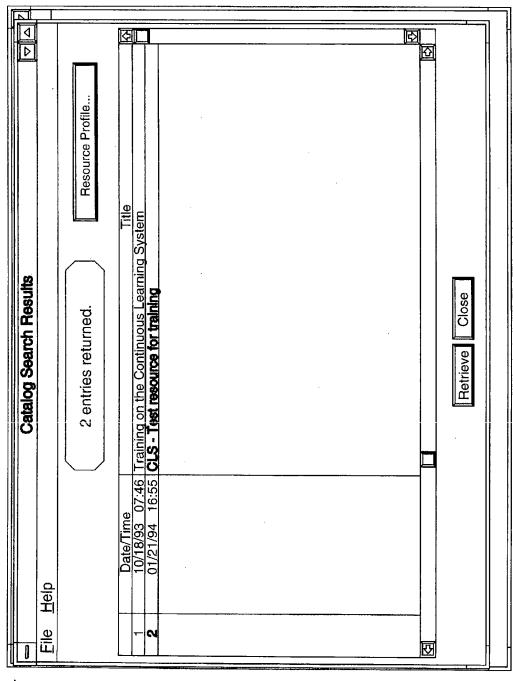


FIG. 51